
0600Re--25 Foot Parker UV Cruise 01 OCT 25-26 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico. The data are associated with samples collected from the 25 Foot Parker UV Cruise 01 OCT 25-26 2010.

Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data deliverables. The following QC Batches have been incorporated: 1010290, 1010291, 1010298, 1010299.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****

The data include water chemistry data.

****STATION****

StationIDs are based on the Location in the NOAA Field Sampling database (Location Code/Sample Notes), reported in the NAD83 datum.

****SAMPLES AND REPLICATES****

The collection depth of water samples in the fields UDepth and LDepth are reported in meters. The only depth information provided was "submerged."

The original SampleIDs reported by the lab from the Chain-of-Custody are stored in the ExSampID field.

Samples were assigned to each unique location and depth.

The default labrep code "1A" was used for all data. Lab duplicates are noted with a "2" as the first character of the labrep. Lab duplicates were identified as those samples with a "D" suffix on the labID.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M

AHCN_C09/ Nonane

AHCN_C10/ Decane

AHCN_C11/ Undecane

AHCN_C12/ Dodecane

AHCN_C13/ Tridecane

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M

BTHIOPHNE/ Benzo(b)thiophene

METHNAP_1/ 1-Methylnaphthalene

METHNAP_2/ 2-Methylnaphthalene

NAPTHALENE/ Naphthalene

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:

Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)

Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)

PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****

No sums were calculated.

****QUALIFIERS****

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.

****OTHER****

The original analyte reported as Benzo(k)fluoranthene was identified by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.